



Mail ap #5

Patent Application of

Billie J. Longstreth

406 Rising Hill Drive, Fairborn, Ohio

Citizen of the United States of America

RECEIVED
NOV 10 1999
TC 3700 MAIL ROOM

SUBSTITUTE SPECIFICATION

This Substitute Specification includes no new matter.

TITLE OF INVENTION

Cabbage Cutter

*Not applicable
sections have been
deleted*

~~CROSS-REFERENCE TO RELATED APPLICATIONS~~

~~Not Applicable~~ *deleted*

~~STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR~~

~~DEVELOPMENT~~

~~Not Applicable~~ *deleted*

~~REFERENCE TO A MICROFICHE APPENDIX~~

~~Not Applicable~~ Deleted

*This section has been
rephrased to clarify the
background, description, and
use of the Cabbage Cutter.*

BACKGROUND OF THE INVENTION

This invention is a non-powered, hand operated kitchen device used specifically for cutting and chopping cabbage.

Cabbage is a popular vegetable and, therefore, is often served on dinner tables in one form or another, alone or used in combination with other vegetables, or ingredients, in a variety of recipes. Anybody experienced in cutting and chopping vegetables know that cabbage, because of its short, thick stalk, and large head formed by tightly overlapping leaves, is the most difficult vegetable to cut up, therefore, the strength and durability of the device used to cut or chop cabbage is very important. Cooks are always looking for that certain device that might make the cutting of cabbage an easier task. And I'm sure they have wasted money, as I have, by purchasing devices that they think will work better only to be disappointed time and again. In order to cut up cabbage, cooks today use a variety of knives, powered grinders, blenders, and food processors. The problem is that the devices sold on the market today are designed, and intended, to be used to cut, chop, mix, and blend a variety of vegetables and food thus limiting their

efficiency to cut the most difficult vegetable which is cabbage. Fact is, cabbage is unlike any other vegetable or food. Regarding difficulty in chopping and cutting, cabbage places in a category by itself.

Vegetable cutters and choppers sold on the market today have other disadvantages too. Because cabbage is more difficult to cut or chop, the powered devices will jam and may have to be cleaned out several times during the process of cutting or chopping up one head of cabbage. They are slow, tedious, and most likely require some assembling before each use. Also, they are expensive and difficult to clean. The non-powered, hand-operated devices that are designed with open tops, and those designed with open top rims with removable hand grips, lack the sturdiness and durability to withstand the friction and force of the heavier chopping and cutting motion that is required for cutting cabbage and, therefore, may bend and become ineffective.

This cabbage cutter was developed from a homemade device I have used for several years to cut and chop my own cabbage. I cut off the open rim of an empty tin vegetable can thus turning the rim into a sharp cutting means that very effectively cuts cabbage to any size desired. I have found that this homemade device works better than any of the

commercially sold devices. Although this homemade device works better to cut cabbage than any device sold on the market, it too has disadvantages. The can is constructed of tin and, therefore, is flimsy, lacking the sturdiness, strength, and durability to withstand repeated use and, therefore, bends and becomes ineffective, and the tin will rust, so the rim of an empty vegetable can must be cut off for each head of cabbage cut up. Although this cabbage cutter was developed from this idea and procedure, and is similar in design, it is constructed of the sturdier and much more durable material (stainless steel). Therefore, this cabbage cutter can easily cut through the thick stalks and tightly overlapping leaves and cut the cabbage to the desired size. There is definitely a need in the art for a device that has been designed and developed specifically to cut cabbage, a device that is strong and durable, inexpensive to manufacture, therefore, making it inexpensive to purchase. This cabbage cutter is a one piece device that is easy to use, requires no assembling, has no parts that may malfunction during use, and is easy to clean. This cabbage cutter will satisfy all the needs mentioned above.

*Stainless
steel has
been used
instead
of metal.
Stainless
steel is
metal &
and much
stronger
than
tin.*

BRIEF SUMMARY OF THE INVENTION

The object of this cabbage cutter is to provide a strong, durable, inexpensive, and easy to use device designed and manufactured specifically to cut and chop cabbage. This cabbage cutter is a non-powered, hand operated cutting device comprising a hollow, stainless steel, cylindrical shaped body having a closed top and an open bottom with a cutting means that has a removable protective cover. The cylindrical shaped body and top having imperforate smooth interior and exterior surfaces, and the open bottom rim is filed or rubbed down to a smooth, thin, sharp cutting means that can be resharpened if it should become dulled from extensive use. The cylindrical shaped body and closed top of the device is constructed of stainless steel which makes the device superior in strength and durability, and resistant to corrosion and rusting. The closed top of the cylindrical shaped body is covered with a permanently affixed cap of suitable molded plastic, that extends slightly over onto the cylindrical shaped body of the device that serves as a hand grip so that the person using the device will be able to maintain a good grip on the device to use it efficiently and effectively at all times. The cabbage cutter has a removable protective cover, contiguous with the cutting and chopping means of the

*This section has been
rephrased to eliminate
vague and indefinite
terms that
were objected
to.*

cylindrical shaped body, that fits over the cutting and chopping means to serve as a protective shield from injury, and protects the cutting and chopping means from becoming damaged, when the cabbage cutter is not in use or stored.

This cabbage cutter, designed and constructed for superior strength and durability, can easily, efficiently, and effectively cut through the thick stalks and tightly overlapping leaves of the cabbage, cutting it to the desired size.

This cabbage cutter is a simple design, one piece with a protective cover for the cutting means. It is easy to use, requires no assembling before use, and has no parts to malfunction during use. Just remove the protective cover from the cutting and chopping means and the cabbage cutter is ready to use. The cabbage cutter is inexpensive to manufacture, therefore, the device is inexpensive to purchase. The cabbage cutter is easy to clean, dishwasher safe, and takes only a small space to store when not in use.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a view of the hollow cylindrical shaped body 1 having a closed top 2 and an open bottom rim with a cutting means 3. The hollow cylindrical shaped body 1 and

Reference numerals that indicate features of the invention have been added to this section

the closed top 2 is constructed of stainless steel having imperforate smooth interior and exterior surfaces. This hollow cylindrical shaped body 1 represents the main portion of the cabbage cutter.

FIG. 2 is a view of the cap 4, made of suitable molded plastic, that is permanently affixed to the closed top 2 of the hollow cylindrical shaped body 1 and extends slightly over onto the cylindrical shaped body 1 of the cabbage cutter to serve as a hand grip so that the person using the cabbage cutter will be able to maintain a good grip on the cabbage cutter to use the device efficiently and effectively at all times.

FIG. 3 is a view of the protective cover 5, contiguous with the cutting and chopping means 3 of the cylindrical shaped body 1 of the cabbage cutter, that fits over the said cutting and chopping means 3 to serve as a protective shield from injury, and protects the cutting and chopping means 3 from becoming damaged when the cabbage cutter is not in use or stored.

FIG. 4 is a view of the embodiment of the cabbage cutter as it looks when not in use or stored. The hollow cylindrical shaped body 1 with a closed top 2, an open bottom rim with a cutting and chopping means 3, a

permanently affixed cap (hand grip) 4 extending slightly over onto the cylindrical shaped body 1, and a protective cover 5, contiguous with the cutting and chopping means 3, are shown in place.

DETAILED DESCRIPTION OF THE INVENTION

This invention is a cabbage cutter designed specifically to cut and chop cabbage comprising a hollow, stainless steel, cylindrical shaped body 1 with a closed top 2 and an open bottom rim that has been filed or rubbed down to a smooth, thin, sharp, circular cutting and chopping means 3 that can be resharpened if it should become dulled from extensive use. The cylindrical shaped body 1 of the cabbage cutter is constructed of stainless steel which makes the device superior in strength and durability and resistant to corrosion and rusting, and the cylindrical shaped body 1 and closed top 2 have imperforate smooth interior and exterior surfaces. The closed top 2 of the cylindrical shaped body 1 is covered with a permanently affixed cap 4 of suitable molded plastic, that extends slightly over onto the cylindrical shaped body 1 of the cabbage cutter that serves as a hand grip so that the person using the cabbage cutter will be able to maintain a good grip on the cabbage cutter

Reference numerals have been added to this section.

to use the device efficiently and effectively at all times. The cabbage cutter has a removable protective cover 5, contiguous with the cutting and chopping means 3 of the cylindrical shaped body 1, that fits over the cutting and chopping means 3 that serves as a protective shield from injury, and protects the cutting and chopping means from becoming damaged when the cabbage cutter is not in use or stored.

Although this cabbage cutter is a simple design, one piece comprising a hollow cylindrical shaped body 1 having a closed top 2 with a permanently affixed cap (hand grip) 4, and a protective cover 5 for the cutting and chopping means 3, the device is designed and constructed for superior strength and durability and will easily, efficiently, and effectively cut through the thick stalks and tightly overlapping leaves of the cabbage. This cabbage cutter is inexpensive to purchase, easy to clean and dishwasher safe, requires no assembling, has no complicated movable parts that may malfunction during use.

This cabbage cutter works best when cabbage head is cut in chunks (pieces), placed in a large bowl or container, and then grasping the cap (hand grip) 4 of the cabbage cutter and bringing the circular cutting and chopping means down

repeatedly (an up and down motion) onto the cabbage and cutting the cabbage to desired size.

While there has been shown and described a preferred embodiment of the cabbage cutter, it is understood that changes in structure, material, sizes and shapes can be made without departing from the invention. The invention is defined in the following claim.

CLAIMS

*First sentence Changed.
Section rephrased to Clarify.*

I claim:

A cabbage cutter comprising a hollow, stainless steel, cylindrical shaped body having a closed top and an open bottom with a cutting and chopping means that has a removable protective cover. The cylindrical shaped body and closed top of the cabbage cutter are constructed of stainless steel which makes the cabbage cutter superior in strength and durability, and resistant to corrosion and rusting, and the cylindrical shaped body and closed top have imperforate smooth interior and exterior surfaces. The closed top of the cylindrical shaped body is covered with a permanently affixed cap of suitable molded plastic that extends slightly over onto the cylindrical shaped body of the cabbage cutter that serves as a hand grip so that the person using the cabbage cutter will be able to maintain a good grip on the cabbage cutter to use the device efficiently and effectively at all times. The open bottom rim is filed or rubbed down to a smooth, thin, sharp cutting and chopping means that can be resharpened if it should become dulled from extensive use. The cabbage cutter has a removable protective cover, contiguous with the cutting and chopping means of the hollow cylindrical shaped body, that fits over the cutting and chopping means to serve as a

protective shield from injury, and protects the cutting and chopping means from becoming damaged when the cabbage cutter is not in use or stored. This cabbage cutter is a non-powered, hand operated device developed specifically to cut and chop cabbage. The cabbage cutter is designed and constructed for superior strength and durability and will do an excellent job cutting through the thick stalks and tightly overlapping leaves of cabbage. This cabbage cutter works best when cabbage head is cut in chunks (pieces), placed in a large bowl or container, and then grasping the cap (hand grip) of the cabbage cutter and bringing the cutting and chopping means down repeatedly (an up and down motion) onto the cabbage and cutting the cabbage to desired size.

ABSTRACT OF THE DISCLOSURE

*This section rephrased
for clarity.*

This invention is a cabbage cutter designed specifically for cutting and chopping cabbage comprising a hollow, stainless steel cylindrical shaped body with a closed top and an open bottom, the cylindrical shaped body and top having imperforate smooth interior and exterior surfaces, and the open bottom rim is filed or rubbed down to a smooth, thin, sharp cutting and chopping means that can be resharpened if it should become dulled from extensive use. The cabbage cutter has a removable protective cover, contiguous with the cutting and chopping means of the hollow cylindrical shaped body, that fits over the cutting and chopping means to serve as a protective shield from injury, and protects the cutting and chopping means from becoming damaged when the cabbage cutter is not in use or stored. The closed top of the cylindrical shaped cabbage cutter is covered with a permanently affixed cap (hand grip) that extends slightly over onto the hollow cylindrical shaped body that serves as a hand grip so that the person using the cabbage cutter will be able to maintain a good grip on the device to use it efficiently and effectively at all times. The cabbage cutter has a removable protective cover, contiguous with the cutting and chopping means of the hollow cylindrical shaped body, that fits over the cutting and

Billie Jean Longstreth, 406 Rising Hill Drive, Fairborn, Ohio 45324,
Cabbage Cutter Specifications

chopping means that serves as a protective shield from
injury, and protects the cutting and chopping means from
becoming damaged, when the cabbage cutter is not in use or
stored.

CABBAGE CUTTER DRAWING

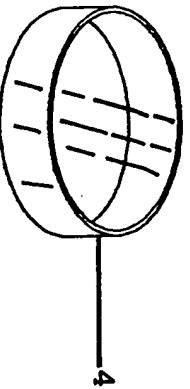


FIGURE 2

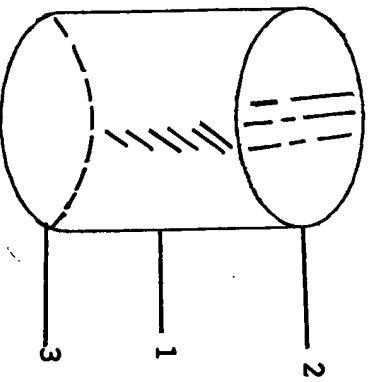


FIGURE 1

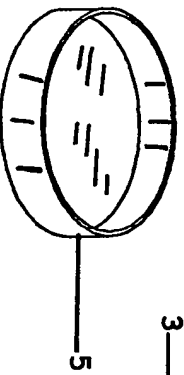


FIGURE 3

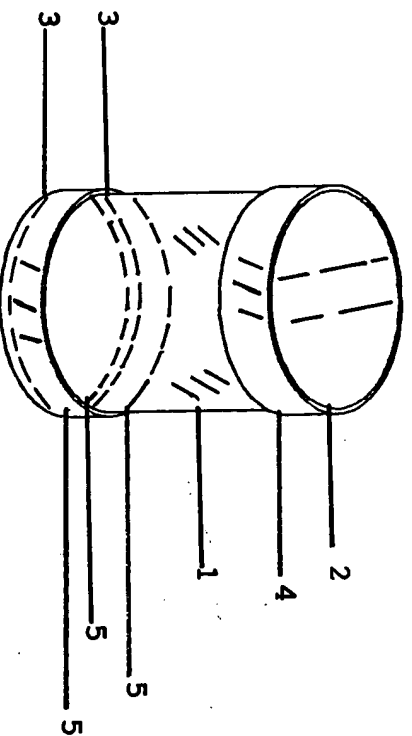


FIGURE 4

Reference Numerals
that indicate features
of the invention have
been added.

Billie Jean Longstreth, 406 Rising Hill Drive, Fairborn, Ohio 45324,
Cabbage Cutter Specifications

~~SEQUENCE LISTING~~ *Deleted*
~~Not Applicable~~